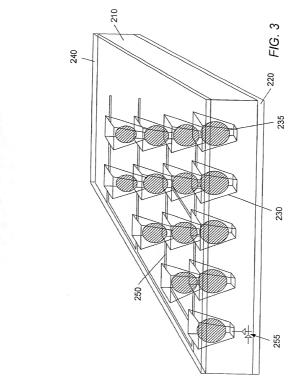


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2 5/E



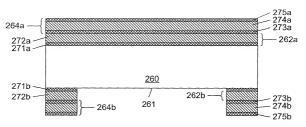


FIG. 4A

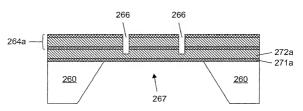


FIG. 4B

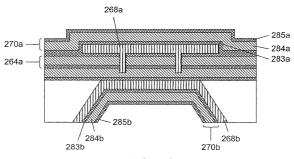


FIG. 4C

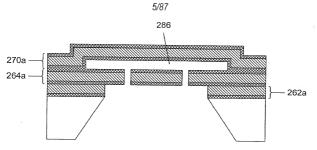


FIG. 4D

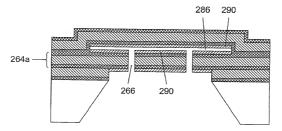


FIG. 4E

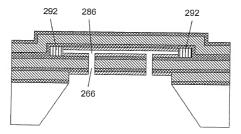
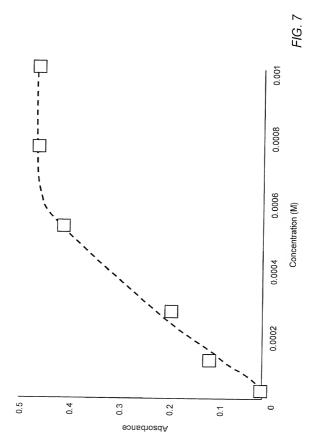


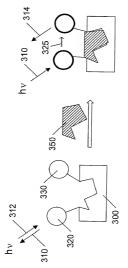
FIG. 4F

FIG. 5

o-cresolphthalein complexone







FIG

FIG. 9

FIG. 10

$$\begin{array}{c} \xrightarrow{\text{H}_2\text{N}-\text{R}_2-\text{NHiBOC}} \\ \xrightarrow{\text{420}} \end{array} \longrightarrow \begin{array}{c} \xrightarrow{\text{N}} \\ \xrightarrow{\text{R}_1} \\ \xrightarrow{\text{N}} \end{array} \longrightarrow \begin{array}{c} \xrightarrow{\text{N}} \\ \xrightarrow{\text{N}} \xrightarrow{\text{N}} \end{array} \longrightarrow \begin{array}{c} \xrightarrow{\text{N}} \\ \xrightarrow{\text{N}} \xrightarrow{\text$$

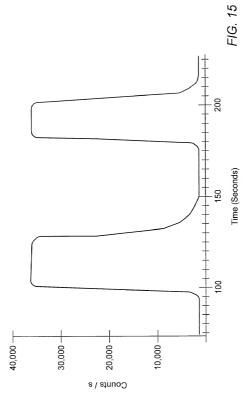
FIG. 11

$$\xrightarrow{\begin{array}{c} S \\ H_2N & H_2-NH_2 \\ \hline \\ 436 \end{array} } \xrightarrow{\begin{array}{c} H \\ NH_2+ \\ NH_2+ \end{array} } \xrightarrow{\begin{array}{c} NH_2+ \\ H \\ N-R_2-NH_2 \\ \hline \\ 438 \end{array} }$$

FIG. 12

FIG. 13

FIG. 14



pH	RESIN: Ion	Blank	Alizarin	o-Cresol- phthalein	Fluorescein	Alizarin-Ce <sup>3+</sup> complex
2	none	R G B	R G B	к () в	К G в	R G B
2	Ca <sup>2+</sup>	R G B	R G B	R G B	R G B	R G B
7	none	R G B	R G B	R G B	R G B	R G B
7	Ca <sup>2+</sup>	ж. с.	R G	R G B	R G B	R G B
7	F ·	R G B	R G	R G B	R G B	R G B
12	none	R G B	R G B	R G B	R G B	R G B
12	Ca <sup>2+</sup>	R G B	R G B	R G	R G B	R G B
12	F -	R G B	R G B	R G B	R G B	R G B

FIG. 16

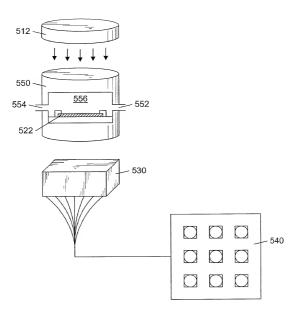


FIG. 17

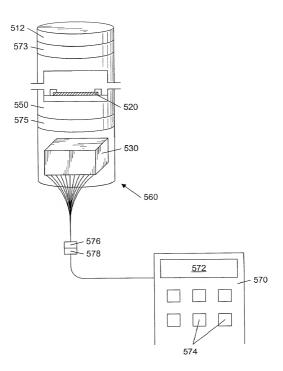


FIG. 18

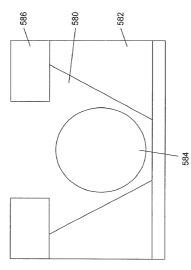
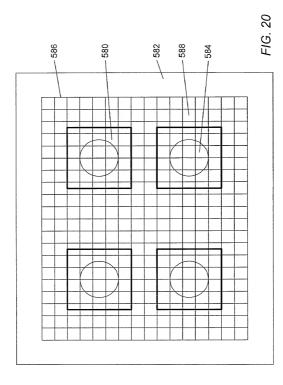


FIG 19



CONTRACT CONTRACT

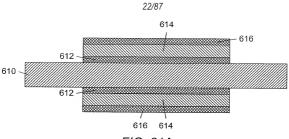


FIG. 21A

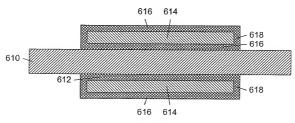


FIG. 21B

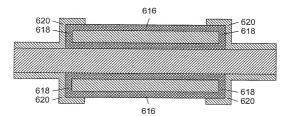


FIG. 21C

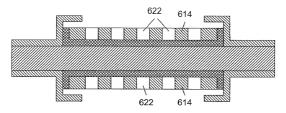
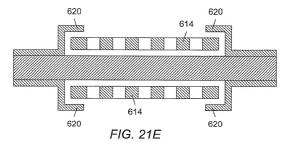


FIG. 21D



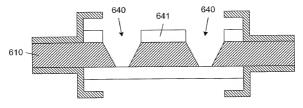


FIG. 21F

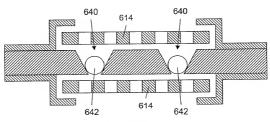
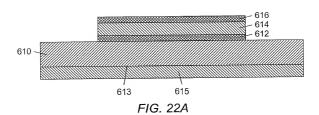


FIG. 21G



616
618
- 618
- 612

FIG. 22B

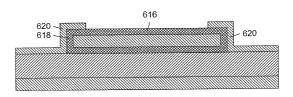
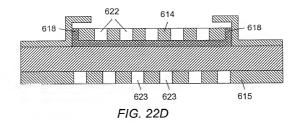


FIG. 22C



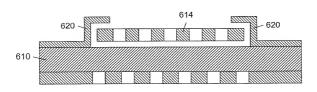


FIG. 22E

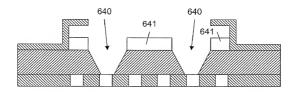


FIG. 22F

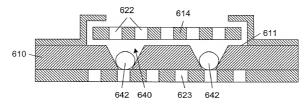


FIG. 22G

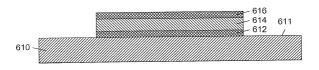


FIG. 23A

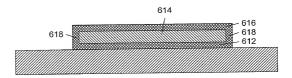


FIG. 23B

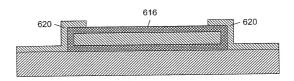


FIG. 23C

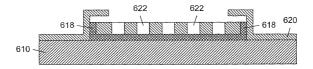


FIG. 23D

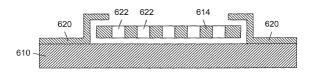


FIG. 23E

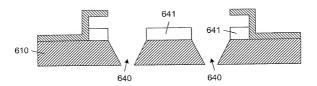


FIG. 23F

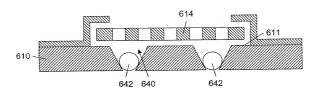


FIG. 23G

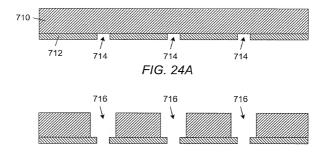
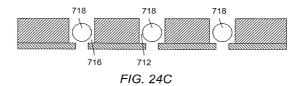


FIG. 24B



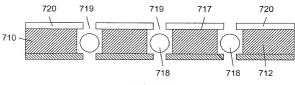


FIG. 24D

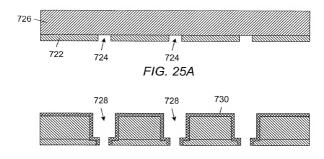


FIG. 25B

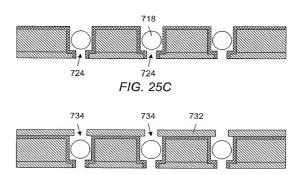


FIG. 25D

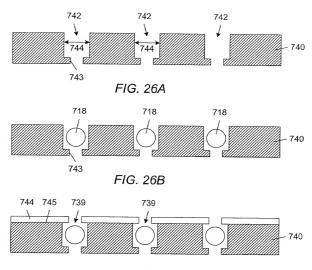


FIG. 26C

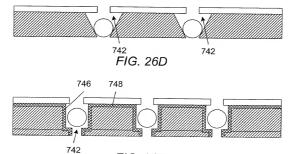


FIG. 26E

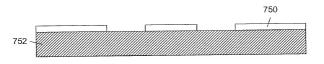


FIG. 27A

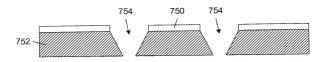


FIG. 27B

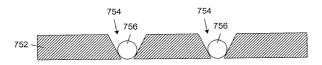
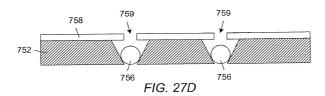


FIG. 27C



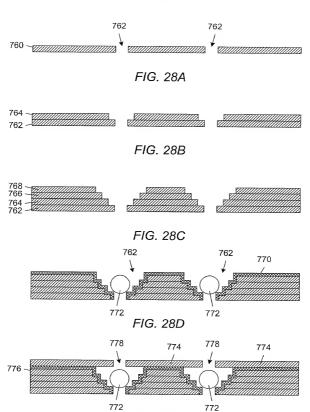


FIG. 28E

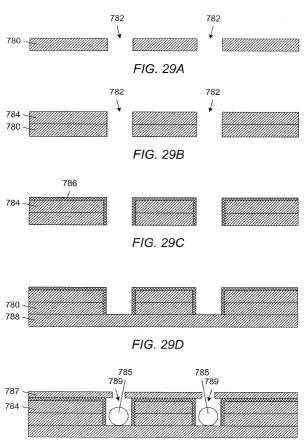


FIG. 29E

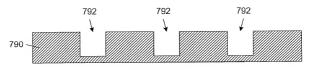


FIG. 30A

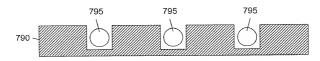


FIG. 30B

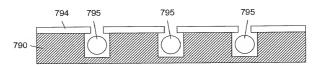


FIG. 30C

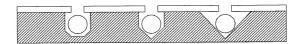
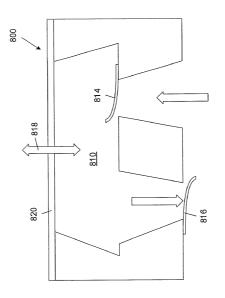
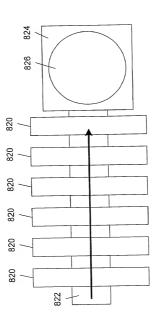


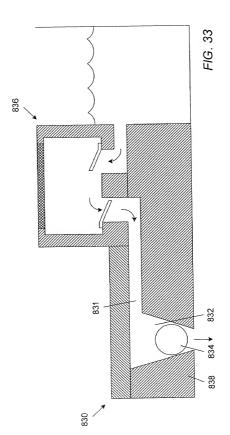
FIG. 30D

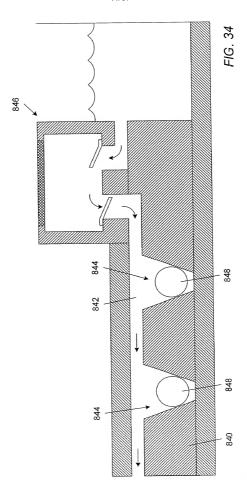


16 31

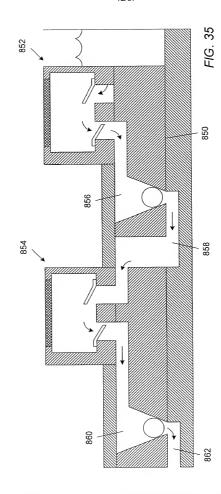


-1G 33

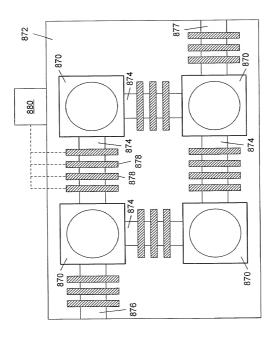




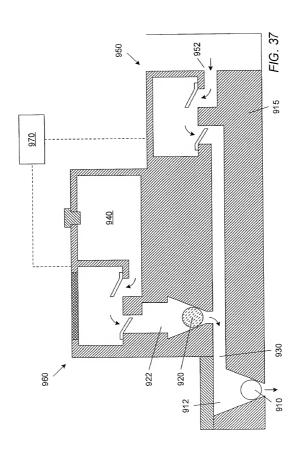
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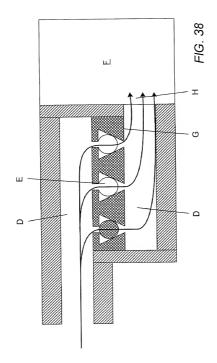


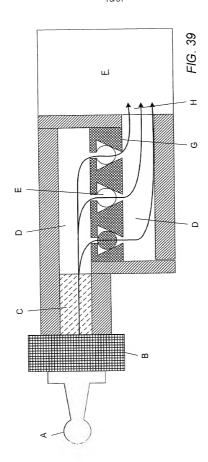
THE RESERVE AND THE PARTY OF TH

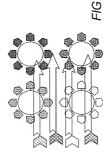


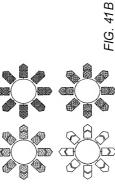
-IG. 36

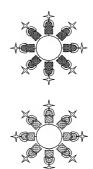




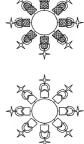


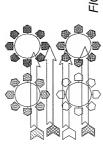


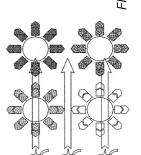


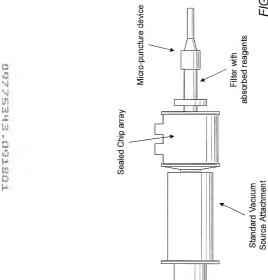


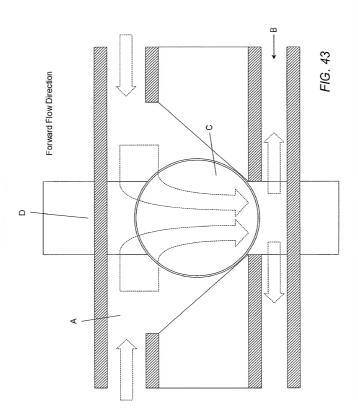


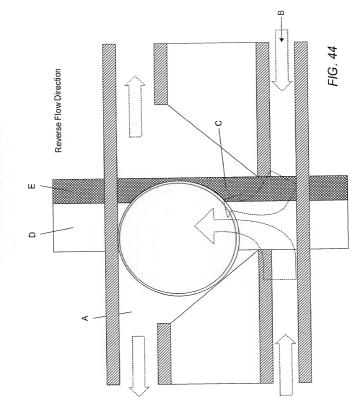












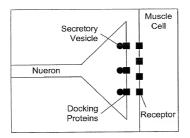


FIG. 45A

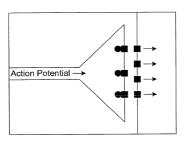


FIG. 45B

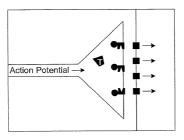


FIG. 45C

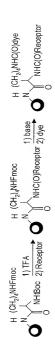


FIG. 45D

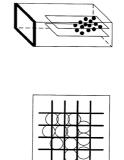
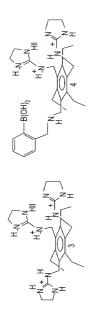


FIG. 46A





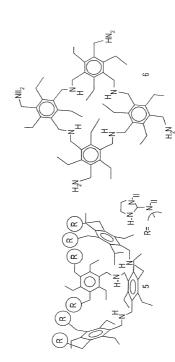
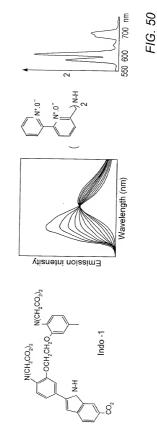


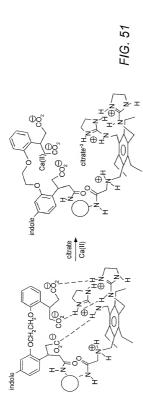
FIG. 47

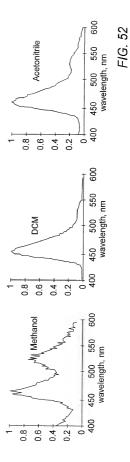
NO<sub>2</sub> OH 
$$\stackrel{\bigoplus}{N}$$
 N(ME)<sub>2</sub>

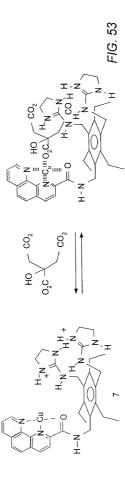
FIG. 48

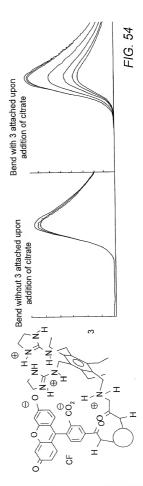


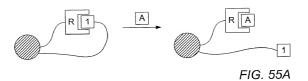


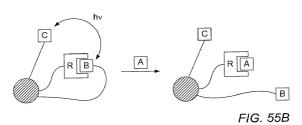


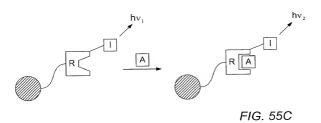












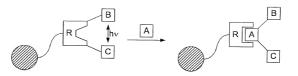
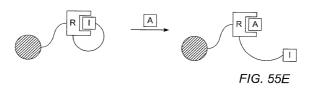


FIG. 55D



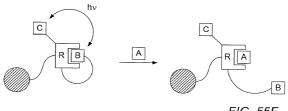
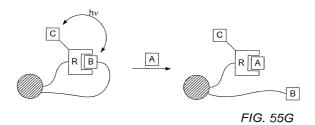
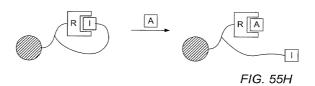
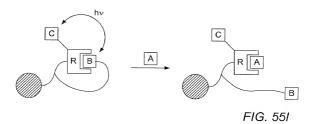
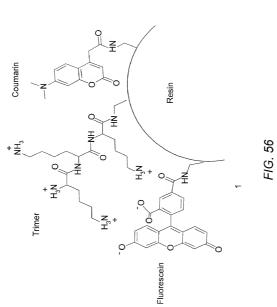


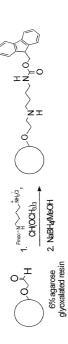
FIG. 55F











20% piperdine/DWF

DIEADMF RSO<sub>2</sub>CI

5R =

FIG. 57

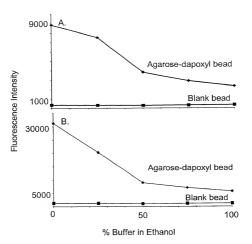
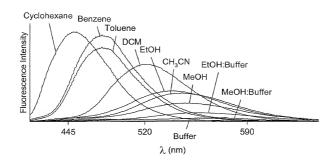


FIG. 58

FIG. 59



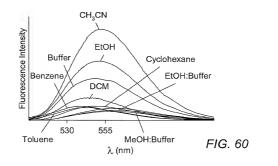
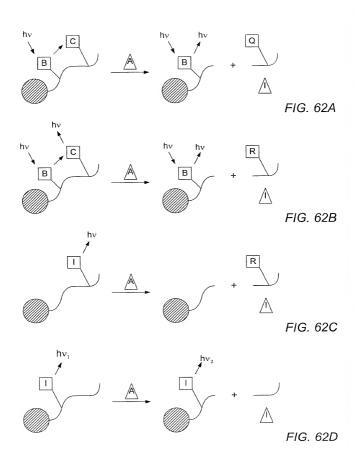
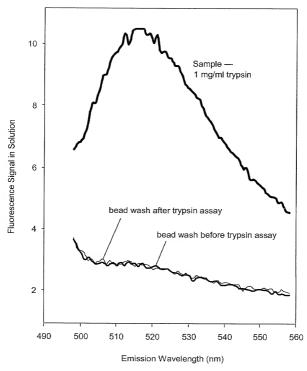


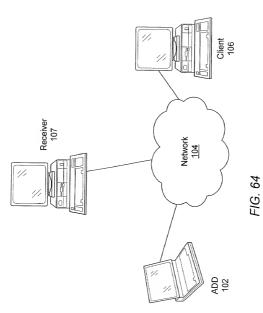
FIG. 61





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FIG. 63



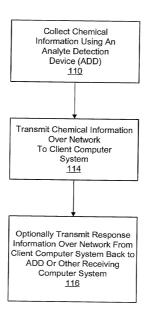
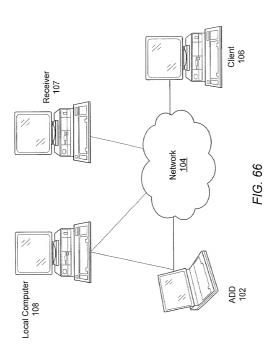


FIG. 65



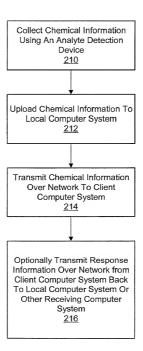
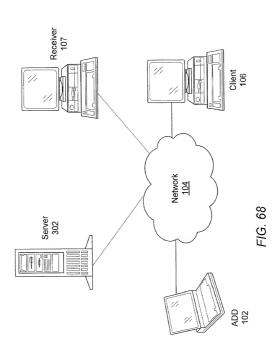


FIG. 67



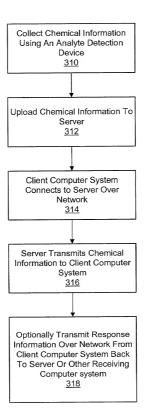


FIG. 69

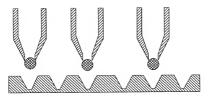


FIG. 70A

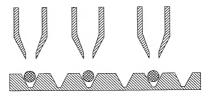


FIG. 70B

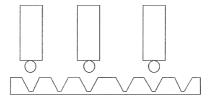


FIG. 71A

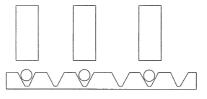


FIG. 71B

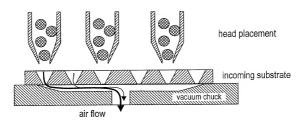


FIG. 72A

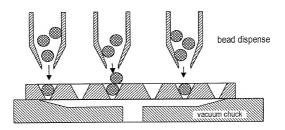


FIG. 72B

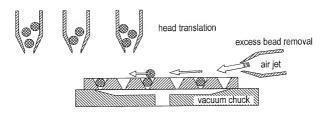


FIG. 72C

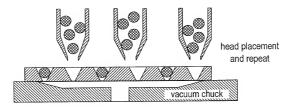


FIG. 72D

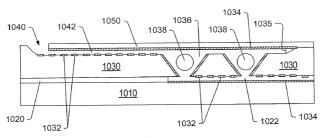


FIG. 73

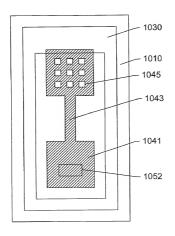


FIG. 74A

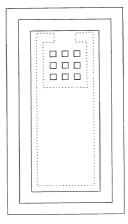


FIG. 74B

The first of the first one was the first of the first of

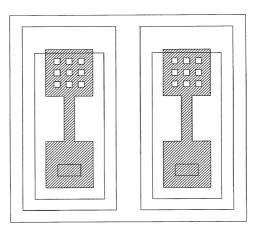
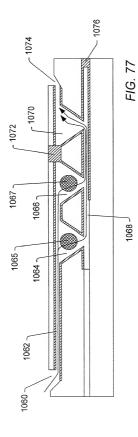


FIG. 76



norska notat

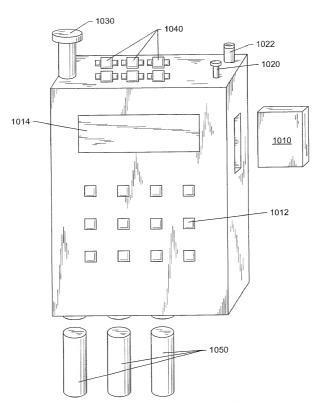


FIG. 78

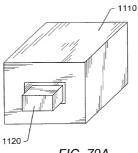


FIG. 79A

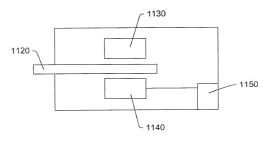
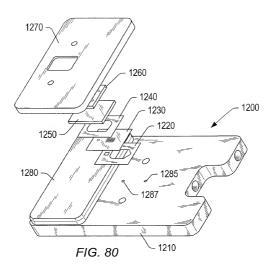
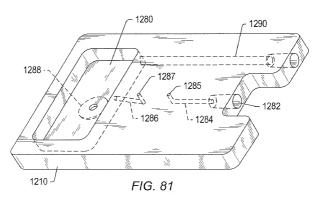


FIG. 79B





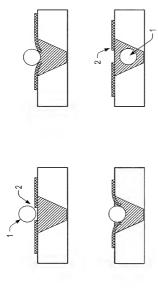


FIG. 82